

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG2004/000230

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: **G06T 15/60**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT: G06T 15/60 or Keywords: shadow+ and trapezoid+

USPTO: Keywords: "shadow map" and trapezoid\$

IEEE: Keywords: "shadow map" or "shadow generation"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | US 6252608 B1 (SNYDER et al.) 26 June 2001 | |
| A | US 2002/0018063 A1 (DONOVAN et al.) 14 February 2002 | |
| A | EP 1126415 A2 (SONY COMPUTER ENTERTAINMENT INC.) 22 August 2001 | |
| A | US 2002/0067355 A1 (RANDEL) 6 June 2002 | |

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

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| * Special categories of cited documents: | |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" earlier application or patent but published on or after the international filing date | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family |
| "P" document published prior to the international filing date but later than the priority date claimed | |

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| Date of the actual completion of the international search 20 September 2004 | Date of mailing of the international search report 22 SEP 2004 |
| Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929 | Authorized officer ROSEMARY LONGSTAFF Telephone No : (02) 6283 2637 |

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|--|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | EP 1073016 A1 (KONAMI CORPORATION) 31 January 2001 | |
| A | US 6437782 B1 (PIERAGOSTINI et al.) 20 August 2002 | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG2004/000230

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | Patent Family Member | | | |
|---|------------|----------------------|------------|----|------------|
| US | 6252608 | AU | 67660/96 | CA | 2229027 |
| | | EP | 1434171 | EP | 1434172 |
| | | JP | 2004102998 | US | 5808617 |
| | | US | 5864342 | US | 5867166 |
| | | US | 5880737 | US | 5886701 |
| | | US | 5977977 | US | 5990904 |
| | | US | 6005582 | US | 6008820 |
| | | US | 6064393 | US | 6292194 |
| | | WO | 9706512 | EP | 0850462 |
| | | | | JP | 2004046886 |
| US | 2002018063 | CA | 2450811 | EP | 1399892 |
| | | US | 6593923 | US | 6664963 |
| | | WO | 02103638 | US | 6532013 |
| EP | 1126415 | JP | 2001307128 | US | 2001024201 |
| US | 2002067355 | US | 6362822 | US | 2002158872 |
| EP | 1073016 | CN | 1282052 | JP | 2001034778 |
| US | 6437782 | US | 6676518 | | |
| Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001. | | | | | |
| END OF ANNEX | | | | | |